

Toilet contact dermatitis

S. Lembo¹, L. Panariello¹, C. Lembo¹ F. Ayala¹

¹ Department of Dermatology, "Federico II" University of Naples, via S. Pansini 5, 80131 Nap

Correspondence to Serena Lembo
Department of Dermatology
"Federico II" University of Naples
via Pansini 5
80131 Naples
Italy
Tel: 0039 3392197801
Fax: 0039 0817462442
e-mail: serenalembo@yahoo.it

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ABSTRACT



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Article Text

In 1982, an unusual case of formaldehyde contact dermatitis in a 6-year-old girl, caused by a d manifestation.

Case Report



3 patients (1 female and 2 males) presented to our out patient department with ring-shaped, re corresponded to the pressure areas of the toilet seat. Patients reported that eczematous-like le

Fig. 1. Ring-shaped, red scaly plaques localized on the

[Normal View]

Each patient was patch tested with the Italian baseline series of allergens [Società Italiana di Dermatologia] with 'Haye's chambers'. At D4 reading, the tests showed a positive reaction (++) to formal

In all the cases, we detected the source of dermatitis in a domestic cleanser containing formal

Comment



Formaldehyde is a ubiquitous and strong sensitizer, commonly used in industrial, domestic, or

It is found as free formaldehyde, as a component of formaldehyde-releasing preservatives, and of common products such as house detergents, topical medications, and cosmetics; they are also resins are used as adhesives and binders in paper, plastic, textile finishing, etc. (2).

The risk of sensitization to formaldehyde is estimated to be very high among workers and consumers of patients patch tested with the European baseline series). This is the result of exposure to formaldehyde releasers in sensitized patients has frequently been reported (5).

Because of the widespread use of formaldehyde, clinical presentations may be very variable.

In our patients, the unusual distribution of the dermatitis led us to the cause.

After an accurate history was taken, we showed that every patient in the group had spent length The first man, respectively 45 years old, was a businessman spending most of the day in an of 41-year-old teacher, and the first patient whom we described, in 1982, was a 6-year-old girl atte

Therefore, we concluded that contact with formaldehyde or formaldehyde components is more often used.

Multicentric studies should be promoted to investigate the prevalence of formaldehyde contact homes. Those subjects are more prone to be sensitized because of the physiological changes should be encouraged to substitute less sensitizing products for the problematic agents.

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